

ZLOTNIK, E.I.

Some problems in the clinical aspects and diagnosis of prolapse
of the lumbar intervertebral disks. Zhur. nevr. i psikh. 60 no.10:
1268-1272 '60. (MIRA 14:1)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo nauchno-issledovatel'-
skogo instituta nevrologii, neyrokhirurgii i fizioterapii, Minsk.
(INTERVERTEBRAL DISK—DISLOCATION)

MARKOV, D.A., akademik, red.; ZLOTNIK, E.I., doktor med. nauk, red.;
MANINA, L., red. izd-va; ATLAS, A., tekhn. red.

[Problems of vascular neurosurgery] Problemy sosudistoi neuro-
khirurgii. Pod red. D.A.Markova i E.I.Zlotnika. Minsk, Izd-vo
Akad. nauk BSSR, 1962. 277 p. (MIRA 16:2)

1. Belorusskiy gosudarstvennyy nauchno-issledovatel'skiy institut
nevrologii, neirokhirurgii i fizioterapii. 2. Akademiya nauk
Belorusskoy SSR (for Markov).
(BLOOD VESSELS--SURGERY) (BRAIN--SURGERY)

ZLOTNIK, E.I. (Minsk)

Congenital supratentorial arteriovenous aneurysms. Vop. neirokhir.
24 no.6:19-24 N-D '60. (MIRA 14:1)
(ANEURYSMS) (BRAIN---BLOOD VESSELS) (FISTULA)

ZLOTNIK, E.I.; SKLYUT, I.A.; KUPRIYANENKO, R.A. (Minsk)

Total excision of neurinoma of the auditory nerve. Vop. neirokhir.
25 no.1&41-44 Ja '61. (MIRA 14:2)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo nauchno-issledovatel'skogo instituta nevrologii, neyrokhirurgii i fizioterapii.
(ACOUSTIC NERVE---TUMORS)

ZLOTNIK, E.I.

On epifocal disorders of sensitivity in extramedullary tumors of the spinal cord. Zhur.nevr.i psikh. 59 no.9:1028-1032 '59. (MIRA 12:11)

1. Belorusskiy nauchno-issledovatel'skiy institut nevrologii, neyrokhirurgii i fizioterapii, Minsk.
(SPINAL CORD neoplasms)

ZLOTNIK, D. E. and ZHIGACH, K. F.

"A Cone-Type Rotary Viscometer," Zavod. Lab., 15, No.5,
pp. 543-47, 1949

ZLOTNIK, E.I.; LERMAN, V.I.

Clinical aspects and surgical therapy of thrombosis of the internal carotid artery. Zhur.nevr. i psikh. 59 no.8:907-911 '59.

(MIRA 12:12)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo instituta nevrologii, neyrokhirurgii i fizioterapii (nauchnyy rukovoditel' - prof. D.A. Markov, dir. Ye.F. Kalitovskiy).

(CAROTID ARTERIES dis.)

(THROMBOSIS)

LERMAN, V.I.; ZLOTNIK, E.I. (Minsk)

Arterial pressure in the cerebral cortex in hypotension induced
by ganglion-blocking agents. Vop.neirokhir. 23 no.3:7-10
Ky-Je '59. (MIRA 12:8)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo gosudar-
stvennogo instituta nevrologii, neyrokhirurgii i fizioterapii.
(HYPOTENSION, CONTROLLED, eff.
cerebrocortical blood pressure (Rus))
(CEREBRAL CORTEX, blood supply,
pressure in controlled hypotension (Rus))

ZLOTNIK, E.I.

Surgical treatment of aneurysm of cerebral blood vessels. Zdrav. Belor.
5 no.2:37-38 F '59. (MIRA 12:7)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo instituta nevrologii.
neyrokhirurgii i fizioterapii.
(INTRACRANIAL ANEURYSMS)

ZLOTNIK, E.I.; STOLKARTS, I.Z.; SVITO, F.I. (Minsk)

Dehydrating effect of a hypertonic urea solution. Vrach.delo
no.11:77-81 N '62. (MIRA 16:2)

1. Neyrokhirurgicheskoye otdeleniye (sav. - E.I. Zlotnik) Belorusskogo nauchno-issledovatel'skogo instituta nevrologii, neyrokhirurgii i fizioterapii.

(BRAIN--SURGERY) (UREA) (LYOPHILIZATION)

ZLOTNIK, E.I., prof.

Method for the control of occlusion of the neck of an aneurysm of
the cerebral vessels during operation. Vop. neirokhir. no.5:57
'64.

(MIRA 38:10)

1. Neyrokhirurgicheskoye otdeleniye (zav. - prof. E.I. Zlotnik)
Belorusskogo nauchno-issledovatel'skogo instituta nevrologii,
neyrokhirurgii i fizioterapii (direktor - docent I.P. Antonov),
Minsk.

1. ZLOTNIK, I. L., Docent
2. USSR (600)
4. Dentistry - Study and Teaching
7. Education of orthodontics in dental institutes, Stomatologiya, No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

ELOTHNIK, I.L., dotsent.

Restoration of impacted maxillar incisors. Stomatologiya no. 6:45-48
'53. (MLRA 7:1)

1. Iz kafedry ortopedicheskoy stomatologii (zaveduyushchiy - professor
A.I. Betel'man) Kiyevskogo meditsinskogo stomatologicheskogo instituta
(direktor - professor A.K. Gorchakov).

(Dentistry, Surgical),

ZLOTNIK, I.L. kandidat meditsinskikh nauk. (Makeyevka, Donbass)

~~Age indications and contraindications for orthopedic therapy~~
of dentomaxillary deformations; discussion of I.A. S. Khargina's
article. Stomatologiya no.3:47-51 Ky-Je '55. (MLRA 8:9)
(MALOCCLUSION, therapy,
indic., age factor)

Zlotnik, I.L.

MATESIS, M.M., kandidat meditsinskikh nauk.

"Orthodontia" I.L. Zlotnik. Reviewed by M.M. Matesis. Stomatologiya
no. 5:62-64 8-0-55. (MIRA 9:2)

(TEETH--ABNORMALITIES AND DEFORMITIES) (ZLOTNIK, I.L.)

ZLOTNIK, I.L., kandidat meditsinskikh nauk

It is necessary to know how to use the statistical method for
examinations. Stomatologiya 35 no.2:52-56 Mr-Apr '56. (MLBA 9:8)
(MEDICAL STATISTICS)
(MOUTH--ABNORMALITIES AND DEFORMITIES)

ZLOTNIK, I.L., kandidat meditsinskikh nauk,

Diagnosis of maxillofacial deformations. Stomatologia

35 no.5:47-48 S-O '56

(MIRA 10:4)

(TEETH--ABNORMALITIES AND DEFORMITIES)

(JAWS--ABNORMALITIES AND DEFORMITIES)

ZLOTNIK, I.L., dotsent; POZDNYAKOVA, A.I., dotsent

Indications for the use of dental prosthesis. Stomatologiya 35
no.6:53-57 N-D '56 (MLRA 10:4)

1. Iz travmatologicheskogo otdeleniya Rudnichnogo ob'yedineniya g.
Makeyevki (glavnyy vrach N.I. Shvets) i iz kafedry ortopedicheskoy
stomatologii (zav.-prof. V.Yu. Kuriyanskiy) Moskovskogo meditsinskogo
stomatologicheskogo instituta (dir.-dotsent G.M. Belatskiy)
(DENTAL PROSTHESIS)

ZLOTNIK, I.L. (Makeyevka, Donbass)

Some problems of methods employed in orthopedic stomatology.
Stomatologiya 37 no.2:43-48 Hr-Ap '58. (MIRA 11:5)
(MOUTH--SURGERY)

ZLOTNIK, I.L.

Soviet school of orthodontia. Stomatologiya 36 no.5:52-56 S-O '57.
(ORTHODONTIA) (MIRA 11:1)

IOSEFA, I.Ye; ZLOTNIK, L.E.

Equilibrium between nitrogen dioxide and nitrososulfuric acid. Zhur.
prikl.khim.29 no.6:862-870 Je '56. (MIRA 9:9)

1.Gor'kovskiy politekhnicheskij institut imeni A.A.Zhdanova.
(Nitrogen oxides) (Nitrosylsulfuric acid)

DERTEV, N. K. - ZLOTNIK, L. E. - FATIKOVA, L. P.

Iron Oxides

Determination of the pH of the iron oxide suspension.
Stek. 1 ker. 10 no. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

ZLOTNIK, L. Ye.

Chemistry & Physics

Determination of pH of crocus suspension. N. K. DEAYEV, L. E. ZLOTNIK, AND L. P. FATKOVA. *Seklo i Keram.*, 10 (2) 17-18 (1953).—The Kolthoff colorimetric method was used satisfactorily. Four test tubes are filled with 10 ml. each of solution from the filtered suspension, and neutral red, methyl red, methyl orange, and tropeolin OO indicators are added. Standard solutions contain mixtures of FeCl_3 and cobalt nitrate. The compositions of the indicators and standard solutions are given.

ZLOTNIK, Ya.

A factory in a school. Rabotnitsa 36 no.9:26-27 8 '58. (MIRA 11:12)

1. Direktor sredney shkoly No.6, Grodno.
(Grodno--Manual training)

LAZAREV, Anatoliy Abramovich, inzh.; MITSEN, P.V., inzh.; NIKIFOROV, A.A.,
inzh.; ROZET, I.Ya., inzh.. Principali uchastnye: ZLOTNIK, M.I.,
inzh.; MAGARILLO, B.L., inzh.. KAV'YAROV, I.S., inzh., red.;
TRASHUTIN, I.Ya., inzh., red.; KONYLYAKOV, L.M., red.; PEVZNER,
V.I., tekhn.red.

[Manual for operating the S-100 tractor] rukovodstvo po eksplua-
tatsii traktora S-100. Pod red. I.S.Kav'iarova i I.IA. Trashutina.
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 263 p. (MIRA 13:5)
(Tractors)

ZLOTNIK, M.I., inzh.

Reducing gear for lowering the working speeds of 6-ton class tractors.
Stroi. i dor. mash. 7 no.7:17-20 JI '62. (MIRA 15:7)
(Tractors--Transmission devices)

LYADUKHIN, I.A.; NIKOLAYEV, A.F.; TARASOV, S.M.; DEVIATKOV, A.N.; VARKHOTOV,
K.P.; ZLOTNIK, M.I.; YEVDOKIMOV, V.I.; LYSYAKOV, A.G.; GERSHTEYN,
A.K.; KISS, N.L.; MEL'NIK, V.I.; BEYZERMAN, R.M.; SMIRNOV, I.M.;
NIKUL'SHIN, K.Ye.

From the pages of Soviet magazines. Mekh. stroi. 19 no.9:31
S '62. (MIRA 15:9)

(Bibliography--Construction equipment)

ZLOTNIK, M.I., inzh.

Selection of the optimal gear ratio for the transmission of a
crawler tractor operating with a power take-off shaft. Trakt.
i sel'khoz mash. no. 11:12-13 N '64. (MIRA 18:1)

1. Chelyabinskiy traktorny zavod.

ZLOTNIK, M.I., inzh.

Work of the D-130 engine with a hydraulic torque converter of
power transmission under various systems of power take-off drives.
Trakt. i sel'khoz mash. 33 no.12:4-7 D '63. (MIRA 17:2)

1. Chelyabinskiy traktorny zavod.

KAV'YAROV, I.S.; MAGARILLO, B.L.; ZLOTHIK, M.I.

Mounted hydraulic system of the S-100 tractor. Biul.tekh.-
ekon.inform. no.8:60-61 '59. (NIRA 13:1)
(Tractors) (Oil-hydraulic machinery)

ZLOTNIK, Ya., deputat gorsoвета g. Grodno.

A deputy's duty. Rabotnitsa 34 no.10:26 0 '56.
(Grodno--Education of children)

(MIRA 9:11)

ZLOTNIK, Ya.

Chapaev Street team. Rabotnitsa 35 no.7:25 31 '57. (MIRA 10:8)

1. Direktor sredney shkoly No.6 goroda Gredno.
(Education of children)

ZLOTNIK, Ya.

ZLOTNIK, Ya.

Practice in agriculture by students in an urban school.
Politekh.obuch. no.11:36-39 N '57.

(MIRA 10:10)

1.Srednyaya shkola No. 6, Grodno.

(Agriculture—Study and teaching)

2678. RATIONAL VISCOMETER OF CONICAL TYPE. Zhigach, KF and
Zhotnik DE (Zavodskaya Laboratoriya (Factory Lab.), May
1949, vol. 15, 542-547). Describes and diagrams above,
particularly valuable in application to systems of low
concentration and viscosity.

HLR

ZLOTNIK, Ye. I.

"The Problem of Shock Treatment," Khirurgiya, No. 5, 1948. Docent, Chair of
Gen. Surg., Belorussian SSR Med. Inst. -c1948-.

ZLOTNIK, YE. I. DOCENT

USSR/Medicine - Wounds
Medicine - Echinococcus

Nov 48

"Rare Case of a Localization of Echinococcus,"
Docent Ye. I. Zlotnik, Faculty Surg Clinic,
Kirgiz Med Inst, 1 p

"Khirurgiya" No 11

Gives case history of patient wounded in bladder
who also had a localization of echinococcus in
the prostate gland.

16/48742

Conductivity-type rotation viscometer. N. F. Zhigach and D. B. Zhigach (Leningrad Petroleum Inst., Moscow). *Zhurnal Khim. Fiz.* 18, 342-3 (1949).—Detailed description is given of a viscometer suitable for rates of shear from 0.1 to 1000 sec.⁻¹ with the speed of rotation of the outer cone accurately variable from 0 to 800 r.p.m. For liquids with a viscosity η of the order of 0.01 poise, proportionality between the moment and the speed of rotation, up to 1000 sec.⁻¹, obtains with a clearance between the inner and the outer cones, $d = 0.2-1.0$ mm.; with liquids with $\eta \sim 0.04$, the crit. d of turbulence is 2 mm., and with high- η liquids (0.2 poise) the proportionality holds at any d . The app. needs to be calibrated for a given d with a liquid of known η . Measurements are carried out by increasing continuously

(over)

the speed of rotation at a given point, d , then repeating it at ever smaller d . The set of the linear portions of the speed of rotation (ω)-angle of torsion (α) curves, gives the plastic viscosity. The diagram showing stress is given by the intercepts detd. by extrapolation of the linear portions. The apparent effective viscosity is given by $\eta = K\omega/\alpha$, where K is a const. of the app. at the given d . The dynamic limiting shearing stress is $\tau = \alpha N/SN$, where N = modulus of torsion of the wire, S = lateral surface area of the wire. Then $R =$ its effective radius.

CA

2

Structural viscous properties of colloidal clay suspensions. K. F. Zilgach and D. R. Zlotnik (All-Union Petroleum Research Inst.). *Doklady Akad. Nauk S.S.S.R.* 72, 627-30 (1950). Curves of the speed of rotation (r.p.m.) against the angle of torsion detd. with thixotropic low-concn. (3-7%) aq. suspensions of lenticular and sublenticular clays, in a conical-type rotation viscometer with different (0.20-0.02 cm.) clearances Δr between the outer and the inner cone, pass through a common point M_0 on the axis of abscissas, not through the origin. The plots are curvilinear at low speeds of rotation, becoming rectilinear at greater speeds. Extrapolation of the rectilinear portions to intersection with the axis of abscissas gives an intercept M_0 , proportional to Bingham's shearing stress θ . The intercept detd. by the intersection

of the axis of abscissas and the perpendicular at the point of tangential linearity, gives Bingham's upper limit M_1 . Contrary to the theoretically predicted decrease of M_1 , M_0 with decreasing Δr , that difference actually increases with Δr decreasing from 0.20 to 0.02 cm. Consequently, of the 3 magnitudes M_1 , M_0 , and M_2 , only the lowermost, M_0 , the only one to be independent of Δr , has real significance as a characteristic of the structured liquid. This parameter termed the dynamic limiting shearing stress θ_0 expresses the strength of the residual structure at which viscous flow begins, or of the structure almost instantaneously restored after perturbation. On the other hand, the strength of the thixotropic structure, characterized by the static shearing stress θ_s , depends on the length of the rest period. The dynamic θ_0 is equal to the min. θ , corresponding to an infinitely short rest period; under any conditions, θ_0 is not greater than θ_s . The simple Bingham-Goodenough equation $\eta_e = \eta_0 + \theta/\dot{\gamma}$ (where $\eta_e = \theta/\dot{\gamma}$) is applicable only in the range of low $\dot{\gamma}$ up to 30 sec^{-1} ; at high rates of shear, up to 1000 sec^{-1} , θ and η_e are no longer const., but θ increases and η_e decreases with decreasing Δr and increasing $\dot{\gamma}$. However, in contrast to the plastic viscosity η_e and to θ , the effective viscosity η_e , detd. at different Δr , remains nearly const. in a wide range of $\dot{\gamma}$, approx. from 300 sec^{-1} upwards (up to about 1000 sec^{-1}). That limiting const. η_e at high $\dot{\gamma}$ is an important characteristic of the flow of a structured liquid. In a capillary viscometer, θ decreases with increasing diam. of the capillary; η_e increases, i.e. the variation with the diam. is analogous to the variation with Δr in a rotation viscometer.

N. Thien

ZLOTNIK, Ye.I.

Secretary and morphologic modification in the stomach following
vagotomy and partial denervation. Khirurgiia, Moskva No.5:20-29
May 50. (CML 19:4)

1. Of the Department of Vegetative Physiology (Head --- Prof. I.P.
Raznikov, Active Member of the Academy of Medical Sciences U.S.S.R.),
Institute of Physiology of the Academy of Medical Sciences U.S.S.R.
and of the Hospital Surgical Clinic (Director---Honored Worker in
Science Prof. V.S.Levit), Second Moscow State Medical Institute named
I.V.Stalin.

GRASHCHENKOV, N. I.; ZLOTHNIK, Ye. I.

Pavlov's theory and its importance for surgery. Khirurgia,
Moskva no.9:3-10 Sept. 1950. (CML 20:1)

1. Prof. N. I. Grashchenkov is a Corresponding Member of the
Academy of Sciences USSR, Active Member of the Academy of
Sciences Belorussian SSR and of the Academy of Medical Sciences
USSR. 2. Docent Ye. I. Zlotnik.

ZLOTNIK, Ye. I.

GRASHCHENKOV, N. I.; ZLOTNIK, Ye. I.

Pavlov's theory and its importance for surgery. Khirurgiia.
Moskva no.10:18-27 Oct 1950. (GIMI 20:1)

1. Prof. N. I. Grashchenkov is a Corresponding Member of the Academy of Sciences USSR, an Active Member of the Academy of Sciences Belorussian SSR and of the Academy of Medical Sciences USSR. 2. Docent Ye. I. Zlotnik.

USSR/Medicine - Secretory Functions of the Stomach Nov/Dec 51

"The Secretory Functions of the Stomach in Some Diseases of the Brain," Profs N. I. Grashchenkov and Ye. I. Zlotnik

Nevropat i Psikh, Vol 20, No 6, pp 49-54

Study of the secretory function of the stomach of patients suffering from known and unknown injuries of the brain, but not from traumatic epilepsy, did not show an increase in secretion. The authors therefore assumed that a change in secretory

253T4

functions of the stomach of patients who suffered from traumatic epilepsy is connected with the beginning of their spasmodic attacks. These attacks characterize the disturbance of normal correlation between processes of stimulation and of inhibition in the brain.

253T4

4123 ZLOTNIK, Ye. I.

Kharakteristika sekretornoy funktsii zheludka v rezidual'nom periode
travmaticheskoy bolezni golovnoy mozga. Minsk, 1954. 24 s. 20 sm.
(Tsentr. in-t usovershenstvovaniya vrachey). B. ts - (54-56872)

ZLOTNIK, Ye. I.

"The Characteristics of the Secretory Function of the Stomach in the Residual Period of a Traumatic Brain Disease." Dr Med Sci, Central Inst for the Advanced Training of Physicians, 11 Jan 55. (VM, 30 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: Sum. No. 556, 24 Jan 55

ZLOTNIK, M.I.

Prolonged pain syndrome connected with dystopia and compression of the sacral ganglion. Vop. neirokhir. 20 no.4:44-45 J1-Ag '56.

(MERA 9:11)

1. Iz neyrokhirurgicheskogo otdeleniya Belorusskogo nauchno-issledovatel'skogo instituta nevrologii, neirokhirurgii i fizioterapii (GANGLIA, AUTONOMIC, dis. sacral ganglion, dystopia & compression causing pain, surg.)

LERMAN, V.I.,; ZLOTNIK, Ye.I.

Internal hydrocephalus in paraventricular tumors. Zhur. nevr. i
psikh. 56 no.3:253-256 ' 56 (MIRA 9:7)

1. Neyrokhirurgicheskoye otdeleniye Instituta nevrologii
neyrokhirurgii i fizioterapii Ministerstva zdavookhraneniya SSSR.
(BRAIN, neoplasms,
with hydrocephalus (Rus))
(HYDROCEPHALUS, etiology and pathogenesis,
tumors (Rus))

ZLOTNIK, Ye.I.; LERMAN, V.I.

Pressure changes in the internal carotid artery in occlusion of
the carotid vessels. Vop.neirokhir. 24 no.1:11-14 Ja-F '60.
(MIRA 13:10)

(CAROTID ARTERIES)

GINZBURG, S.Ye.; ZLOTNIK, Ye.I.; LERMAN, V.I.

Electroencephalographic and electrocardiographic studies during controlled arterial hypotension induced by administration of ganglionic-blocking agents. Eksp.khir.i anest. 6 no.3:26-30 '61.

(ELECTROENCEPHALOGRAPHY) (ELECTROCARDIOGRAPHY) (HYPOTENSION) (AUTONOMIC DRUGS) (MIRA 14:10)

ZLOTNIK, E.I.; SEKACH, S.F.

Surgical treatment of thrombosis and stenosis of the internal carotid artery. Zhur.nevr.i psikh. 62 no.8:1172-1177 Ag '62.
(MIRA 15:12)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo nauchno-issledovatel'skogo instituta nevrologii, neurokhirurgii i fizioterapii (dir. Ye.Kalitovskiy), Minsk.
(CAROTID ARTERY---DISEASES) (ARTERIOSCLEROSIS)
(THROMBOSIS)

ZLOTNIK, E.I.; SEKACH, S.F. (Minsk)

Technic for surgery in arteriosclerotic stenosis of the internal carotoid artery of the neck region. Vop.neirokhir. no.2:7-9 '62.
(MIRA 15:3)

1. Neyrokhirurgicheskoye otdeleniye Belorusskogo nauchno-issledovatel'skogo instituta nevrologii, neyrokhirurgii i fizioterapii.
(ARTERIOSCLEROSIS) (CAROTID ARTERY--SURGERY)

ZHELEZNYAKOV, V.V.; ZLOTNIK, Ye.Ya.

Transition of plasma waves into electromagnetic ones in nonhomogeneous isotropic plasma. Izv. vys. ucheb. zav.; radiofiz. 5 no.4: 644-657 '62. (MIRA 16:7)

1. Nauchno-issledovatel'skiy radiofizicheskiy institut pri Gor'kovskom universitete.
(Plasma (Ionized gases)) (Electromagnetic waves)

ZHEIE ZNYAKOV, V.V.; ZLOTNIK, Ye.Ya.

Polarization of radio waves passing through the region of a
transverse magnetic field in the solar corona. Astron.zhur. 40
no.4:633-642 J1-Ag '63. (MIRA 16:8)

1. Radiofizicheskiy institut Gor'kovskogo gosudarstvennogo
universiteta im. N.I.Lobachevskogo.

(Magnetic fields (Cosmic physics)) (Radio waves)

13

Washing by countercurrent. A. ZNAHNER. J. Chem. Ind. (Moscow) 7, 181-2 (1931).—A critical review of V. Iofinov's formulas (preceding abstract). J. S.

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

1st and 2nd orders

PROCESSES AND PROPERTIES INDEX

Common elements

Materials notes

COEN

24

The preparation of ground oil paints. A. Zayatskii.
Lakokrashivaniye Industriyu 1954, No. 3, 43-4. Illu-
 scriptive. H. M. Leicester

ASM-SL-2 METALLURGICAL LITERATURE CLASSIFICATION

12000 01

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

RELATIONS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

12000 01

AUTHOR: Znamenskiy, A.

SOV/92-58-12-23/24

TITLE: A Town of Oilmen in the North (Gorod neftyanikov Severa)

PERIODICAL: Neftyanik, 1958, Nr 12, pp 28-30 (USSR)

ABSTRACT: In examining a map of the Northern part of the Soviet Union the attention of everyone is attracted by the enormous size of the Komi ASSR, a region rich in forests, rivers, coal, petroleum, natural gas, oil shale, and fur. In the approximate center of this region, where the railroad crosses the Izhma River, there is a town of oilmen called Ukhta. In 1958 it celebrates its 15th anniversary. The author describes unsuccessful attempts to organize the region's petroleum production in prerevolutionary Russia. He maintains that all efforts made in this direction failed because of the unofficial intervention of Nobel, the Baku petroleum magnate who wanted to prevent the development of the region. At that time the Komi Region was almost impassable, and from 15 to 20 days were needed to reach the Ukhta River banks traveling by small boats along the Vym' River. Under these conditions the transportation of heavy rigs and equipment was altogether impossible. Nevertheless under Soviet rule the region has become vitalized and its wealth brought under control. When Baku was under the occupation of foreign troops in 1920, the first prospecting expedition was sent to the Ukhta Region by order of Lenin; it found that the region abounded in petroleum, gas,

Card 1/3

A Town of Oilmen in the North

SOV/92-58-12-23/24

asphaltite, oil, shale, etc. However, a systematic exploration of the region did not begin until the First Five Year Plan, at the same time as the construction of the first tractor plant near Stalingrad. That was the beginning of industrial activities at Ukhta. The conditions under which the first steps in this direction were made were extremely difficult since it was a "taiga" region. The first refinery and machine plants were later built at the site where the first borehole of the region had been drilled. Petroleum extracting mines were built 25 km from the town of Ukhta. The "black gold" is extracted there by mining, and petroleum deposits are visible to geologists and drillers. Large plants producing carbon black from natural gas were built at Ukhta. Natural gas and petroleum deposits were also discovered at Dzhebel, and it is expected that they will suffice to meet the requirements of the central Ural Region and Sverdlovsk. Dozens of schools, several recreational facilities, and libraries have now been opened in the town of Ukhta. Two technical schools train petroleum and railroad specialists. The article contains 6 photographs which show: (1) a general view of the Ukhta refinery, (2) the Oktyabr'skaya street in Ukhta and the Ukhtokombinat Administration building, (3) P.V. Makharadze, the operator of one of the Ukhta refinery processing units. (4) D.M. Makhinya, one of the best operators at the Ukhta refinery

Card 2/3 --

A Town of Oilmen in the North

80V/92-58-12-23/24

(5) a residential section on Pervomayskaya Street, and (6) the asphalt producing unit of the Ukhta refinery.

Card 3/3

LASTIKOV, M., inzh.; ASHKINAZI, B., inzh.-mekhanik (Baku); BELIN'KAYA, L., inzh.; ZNAMENSKIY, A.; ZAYTSEV, V.; CHERNYATEVICH, K., tekhnik-elektrik.

Suggested, created, introduced. Izobr.i rats. no.1:28+30 Ja
'61. (MIRA 14:1)

1. Byuro ratsionalizatorov i izobretateley Pakovskogo oblastnogo upravleniya mestnoy promyshlennosti (for Lastikov).
2. Nachal'nik Byuro ratsionalizatorov i izobretateley, Leningrad (for Znamenskiy).
3. Starshiy inzhener Byuro ratsionalizatorov i izobretateley Dal'nevostochnogo parokhodstva, Vladivostok (for Zaytsev).
4. Dneprodzershinskiy azotnotukovyy zavod (for Chernyatevich).
(Technological innovations)

DECEASED

VEDEMEYER, Ye.A. [Wedemeyer, E.A.]; ZNAMENSKIY, A.M. [translator];
ILARIONOV, V.A., kand.tekhn.nauk. red.; GHECHKO, V.M., red.;
MAL'KOVA, N.V., tekhn.red.

[Vibrations of automobiles and engines] Kolebaniia avtomobilia
i dvigatel'ia. Pod red. V.A. Ilarionova. Moskva, Nauchno-tekhn.
izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR,
1959. 141 p. (MIRA 13:8)
(Automobiles--Vibration)

DECEASED

ZNAMENSKIY, Aleksey Nikolayevich[deceased]; KLINKOVSHTEIN, Georgiy
Il'ich; SHLIPPE, I.S., kand. tekhn. nauk, red.; YABLOKOV,
V.I., red.izd-va; GALAKTIONOVA, Ye.N., tekhn. red.

[German-Russian automotive transportation dictionary] Ne-
metzko-russkii avtotransportnyi slovar'. Pod red. I.S.Shlippe.
Moskva, Avtotransizdat, 1963. 336 p. (MIRA 16:4)
(Transportation, Automotive--Dictionaries)
(German language--Dictionaries--Russian)

DECEASED

SHERESHEVSKIY, M.G., prof.; VAGANOV, B.S., dots.; VORONOV, K.G., dots.; c/1963
ROZENBERG, M.G.; ZLOTNIKOV, A.L., dots. [deceased]; GRYAZNOV,
E.A.; GORYUNOV, F.A.; NETRUSOV, K.A., kand. ekon. nauk;
YEPIFANOV, M.P., red.; YERKHOVA, Ye.A., tekhn. red.

[Organization and technique of the foreign trade of the
U.S.S.R. and other socialist countries] Organizatsiya i tekhnika
vneshnei trgovli SSSR i drugih sotsialisticheskikh stran;
uchebnoe posobie pod red. B.S.Vaganova. Moskva, 1963. 343 p.
(MIRA 16:9)

1. Moscow. Institut mezhdunarodnykh otnosheniy.
(Communist countries--Commerce)
(Russia--Commerce)

ZLOTNIKOV, D., dotsent

Expert hygienic evaluation of prepared foods. Fel'd. 1 akush. 25
no.6:55 Je '60. (MIRA 13:9)

1. Kafedra gigiyeny pitaniya Tsentral'nogo instituta usovershen-
stvovaniya vrachey.
(FOOD--ANALYSIS)

ZLOTNIKOV, D.

FILARETOV, G., inshener; ZLOTNIKOV, D.

Using machinery in the production of iron beds. Fron.koop. no.3:
23-29 Mr '55. (MLRA 8:11)

1. Nachal'nik tsekha shirпотреба zavod "Kompressor"
(Beds and bedsteads) (Furniture industry)

ca

12

Effect of moist wheat bread on animal organisms and the methods for its determination in flour and pastries. D. Zlotnik. *Vopr. Pitaniya* 9, No. 4, 1963 204 (1963). In guinea pigs and rabbits no effects were noticed over 8 months but in rats there was a considerable retardation of growth. The present allowable 0.001% of wheat spores in flour causes darkening of the bread, is harmful and should be decreased as soon as possible. F. H. H.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ZHYDNIKOV, D.M.

ZHYDNIKOV, D.M., kandidat meditsinskikh nauk

Bronchography in studying the physiology and pathophysiology
of the bronchial tree. Vest.rent. i rad.no.3:39-46 Ky-Je '55.
(MLRA 8:10)

1. Iz kafedry gosital'noy terapii i Leningradskogo meditsin-
skogo instituta imeni akad. I.P.Pavlova i kafedry rentgenologii
Voyenno-morskoy meditsinskoy akademii
(BRONCHI, radiography
in physiol. & pathol. investigation)

ELOTNIKOV, D.M.

Cases of total subcutaneous tuptures of the Achilles tendon.
Sov. med. 18 no.10:41 O '54. (MIRA 7:11)

1. Iz khirurgicheskogo otdeleniya (zav. N.N.Abramov) bol'nitsy
Zhdanovskogo rayona Leningrada.

(HREL,

Achilles tendon rupt.)

AKHUNDOV, A.A., kand. med. nauk; BAIROV, G.A., prof.; BOYARINKOVA, M.V., kand. med. nauk; BUTIKOVA, N.I., doktor med. nauk; ZOBINA, M.M., kand. med. nauk; IVASHKO, L.M.; KAZANTSEVA, N.D., kand. med. nauk; ZLOTNEKOV, D.M., professor; KUZ'MIN, B.P., kand. med. nauk; OBODAN, N.M., kand. biol. nauk; KHILKOVA, T.A., kand. med. nauk; EPSHTEYN, Grigoriy Yakovlevich, prof.

[Traumatology and restorative surgery in children; selected chapters] *Traumatologiya i vosstanovitel'naya khirurgiya detskogo vozrasta; izbrannye glavy.* Leningrad, Meditsina, 1964. 334 p. (MIRA 17:6)

1. Chlen-korrespondent AMN SSSR (for Bairov).

ZLOTNIKOV, D. M.

USSR/Medicine - Medical Societies
Medicine - Surgery

Jun 48

"Minutes of the Leningrad Society of Surgeons and Orthopedists," G. Ya. Epshteyn, 7 pp

"Vest Khirurgii" Vol LXVIII, No 6

The 252d meeting opened 14 Apr 48; I. L. Krupko, Chm, Ya. M. Pisarnitskiy, Secy.
The 253d on 28 Apr was a joint meeting with doctors of the Traumatol Inst imeni
Prof R. R. Vreden; S. S. Gibrolav, Chm, M. P. Yeretskaya, Secy. Among reports read
were D. M. Zlotnikov's "Two Cases of Surgical Treatment for Pseudoarthrosis and
Osteomyelitis of the Humerus," and M. M. Kazakov's "Some Cases of Osteosynthesis."

57/49T75

ZLOTNIKOV, D.M.

Some problems in using antibiotics in surgery. Eksp. i klin. issl.
po antibiot. 1:434-439 '58. (MIRA 15:5)
(ANTIBIOTICS) (SURGERY)

ZLOTNIKOV, D. N.

Zlotnikov, D. N. "Bone-plastic amputation of the shin according to Pirogov in modification of Pelikan," Trudy Leningr. obl. gosptalya dlya lecheniya invalidov Otechestv. voyny, Leningrad, 1948, p. 38-46
SO:

SO: U - 3850, 16 June 53, (Letopis 'Zhurnal 'hyg Statey, No. 5, 1949)

ZLOTNIKOV, David Samuilovich; BONDAREV, G.I., red.

[Preventive sanitary inspection in the food industry;
general problems] Predupreditel'nyi sanitarno-pishchevoi
madzer; obshchie voprosy. Moskva, Meditsina, 1964. 198 p.
(MIRA 17:9)

ZAYTSEV, Ye.N.; ZLOTNIKOV, G.G.; KAL'MANSON, V.A.; KAZ'YANOV, V.V.;
SHCEGOLEV, L.P.

"EKA-2" dual electronic copying device. NTI no. 12:47-50 '63.
(MIRA 17:6)

ZLOTNIKOV, G.G.; KAL'MANSON, V.A.

"Elektrofot" electrographic copying machine. NTI no. 5139-44 '65.
(MIRA 18:7)

L 3776-66

ACC NR: AP6006592

SOURCE CODE: UR/0315/65/000/009/0047/0054

AUTHOR: Zlotnikov, G. G.

ORG: none

TITLE: Thermal copying, electronic copying, and electrographic apparatus at the "Inforga-65" Exhibit; Survey of exhibits at the "Inforga-65" Exhibition held from 15 May to 30 June 1965 in Moscow

SOURCE: Nauchno-tekhnicheskaya informatsiya, no. 9, 1965, 47-54

TOPIC TAGS: photographic printing, microfilm, *OFFICE MACHINE, PRINTING MACHINERY*

ABSTRACT: Copying and reproducing machines manufactured by CEMA member nations (chiefly the USSR and Poland) are pictured and their technical parameters are given. In his criticism of a number of the machines displayed, the author mentioned: unstable temperature regime, the use of movie projection lamps instead of neon tubes, and high voltage requirements. The author urges the development of automated, high efficiency, compact machines for copying book pages and the development of special equipment for reproducing large blueprints up to 59 x 1680 mm. Orig. art. has: 7 figures, 1 table.

SUB CODE: 14/ SUBM DATE: 12Jul65

UDC: 002.513.3:778.347

Card 1/1

82

KAL'MANSON, V.A.; ZLOTNIKOV, G.G.; KAS'YANOV, V.V.

"Termokopir," a thermocopying machine. NTI no. 7:30-32 '63.
(MIRA 16:11)

AUTHORS: Kal'manson, V. A.; Zlotnikov, G. G.; Vishnevskaya, N. P.; Petrov, G. A.;
Zaytsev, Ye. N.; Golikov, I. G.; Pokrovskiy, I. V.

ORG: none

TITLE: Reading-copying apparatus. Class 42, No. 174810 [announced by Laboratory
for Electromodulation of the All-Union Institute for Scientific and Technical Informa-

SOURCE: Byulleten' izobreteniy i sovremnykh znakov, no. 18, 1965, 80-81

TOPIC TAGS: microreader, microcopying device, selenium copying device

ABSTRACT: This patent certificate presents a reading-copying apparatus. The device
is designed for copying documents and is characterized by the fact that the original
document is placed in a special holder and the copying is carried out by means of a
selenium plate. The device is simple in construction and easy to operate. It is
described within the framework of the apparatus of the objective. A modification
of the above device is the complete copying of exposure onto the selenium plate
contains a concave mirror.

Card 1/2

UDC: 778.148.2.778.275

L-8141-66

ACC NR: AP5025728

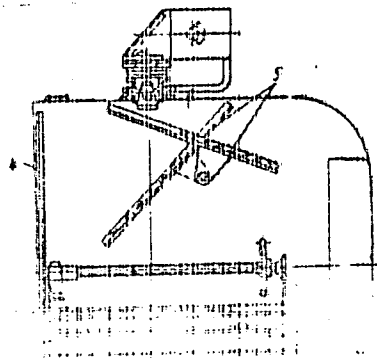


Fig. 1. 1- charging installation; 2- developing installation; 3- selenium
4- lens; 5- aperture; 6- mirror

Orig. art. has: 1 figure.

SUB CODE: EC, NP/ SUBM DATE: 22Sep64

Card 2/2 *W*

ZLOTHIKOV, G.V., inzh.

Device for sheet corrugation on the LGS-2 machine. Proizv.-tskh.
shor.no.1:79-90 '59. (NIRA 13:9)

1. Nevskiy sudostroitel'nyy i sudoremontnyy zavod.
(Shipfitting--Equipment and supplies)

17

PRECEDENCE AND PRIORITY INDEX

8

*The Broadening of Copper in Connection with the Rolling of Flat Billets from Wire-Bars. I. Zlotnikov (*Metallurg (Metallurgy)*). 1934, (8), 102-109).-- [In Russian.] The influence of the backing, thickness, degree of reduction, and diameter of the rolls has been investigated on a works' scale.—N. A.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

RECORDS DIVISION

COLLECTION

DATE

1934

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ZLOTRNIKOV, I.M., red.; AKOPYAN, O.G.; ISAYEVA, V.V., vedushchiy red.;
FEDOTOVA, I.G., tekhn.red.

[Development of Bashkirian oil fields] Razrabotka neftiannykh mestorozhdenii Bashkirii; materialy seksii gornogeologicheskoi i dobychi nefi Tekhniko-ekonomicheskogo soveta Bashkirskogo sovnarkhoza. Moskva, Gos.nauchno-tekhn.izd-vo nefi. i gornotoplivnoi lit-ry, 1959. 239 p. (MIRA 12:12)

1. Bashkir.A.S.S.R. Sovet narodnogo khozyaystva. Tekhniko-ekonomicheskii sovet. 2. Nachal'nik otdela razrabotki Upravleniya neftedobyvayushchey promyshlennosti Bashneft' Bashkirskogo sovnarkhoza (for Akopyan).
(Bashkiria--Oil fields--Production methods)

ZLOTNIKOV, I. M.

AID P - 559

Subject : USSR/Mining

Card 1/2 Pub. 78 - 25/29

Author : Zlotnikov, I. M.

Title : Activity of the Engineering Council of the Ministry of the Petroleum Industry

Periodical : Neft. Khoz., v. 32, #7, 89-91, J1 1954

Abstract : A general review of the Engineering Council's activities is outlined. The review concerns numerous papers presented on various subjects essential to the petroleum industry. The sessions of the council were held jointly with the Leningrad, Moscow and Baku branches of the Academy of Sciences and with local organizations studying the particular subject. The papers pertained to geological survey, underground gas storage adjacent to industrial plants, extensive use of artificial pressure in the stratum, exploratory drilling, classification of rocks and tools, study of displacement of liquid from a porous medium, improvement in technique and technology of petroleum products and

AID P - 559

Neft. Khoz., v. 32, #7, 89-91, J1 1954

Card 2/2 Pub. 78 - 25-29

synthetic fuels, and many other relevant subjects.

Institutions: Ministry of Geology and Conservation of Underground Resources. Ministry of Communistic Economy, Ural-Emba Scientific Research Base of the Academy of Sciences, Kazakh SSR.

Submitted : No date

ZLOTNIKOV, I. M.

AID P - 1364

Subject : USSR/Mining

Card 1/2 Pub. 78 - 27/30

Author : Zlotnikov, I. M.

Title : Review of activity of the technical council of
the Ministry of the Petroleum Industry of the USSR.

Periodical : Neft. khoz., v.32, #12, 88-90, D 1954

Abstract : Various subjects discussed in joint sessions of
the Technical Council, local branches of Petroleum
Institutions and oil field administrations are
mentioned. The problems concern improvement of
electric drilling equipment and tools, the mechanization
of control, technology and technique of drilling in
prospecting and of capital repairs. In the final
resolution, recommendation was made to invite parti-
cipation of scientific research and design
organization for further improvement.

Neft. khoz., v.32, #12, 88-90, D 1954

AID P - 1364

Card 2/2 Pub. 78 - 27/30

Institutions: Technical Council of the Ministry of the Petroleum Industry, USSR; Academy of Sciences, Institute of Power Engineering im. I. G. Yes'man; All-Union Scientific Research Institute of Oil Well Drilling; Azerbayzhan SSR Research Institute im. M. Azizbekov; L'vov Polytechnical Institute; Central Scientific Research Institute for Mechanization of Labor in the Petroleum Industries (TsIMT Neft); Experimental Electric Drilling Office of the Ministry of the Petroleum Industry of the Azerbaydzhan SSR; Kuybyshev Industrial Institute; Moscow Petroleum Institute im. I. M. Gubkin (MNI); Petroleum Institute of the Academy of Sciences, USSR; All-Union Scientific Research Institute of Industrial Safety in the Petroleum Industry.

Submitted : No date

MUSHIN, A.Z., redaktor; ZLOTNIKOV, I.M., redaktor; POLOSINA, A.S., tekhnicheskii redaktor

[Methods of increasing petroleum production of layers; contributions from the All-Union Conference] Metody uvelicheniia nefteotdachi plastov; materialy Vsesoiuznogo soveshchaniia. Moskva, Gos.nauchno-tekhn.izd-vo neftianoi i gorno-toplivnoi lit-ry, 1955. 212 p.
(MLRA 9:3)

1. Russia (1923- U.S.S.R.) Ministerstvo neftyanoy promyshlennosti. Nauchno-tekhnicheskii sovet.
(Petroleum engineering.)

ZLOTNIKOV, I.

"The Technical Committee of the Ministry of Petroleum Industry of the USSR,"
Nef. Eksp., pp 94-95, May 1955

Translation F-TS-8645/III, ATIC 224444

ZLOTNIKOV, I.

Subject : USSR/Mining AID P - 2702
Card 1/1 Pub. 78 - 20/21
Author : Zlotnikov, I.
Title : In the Technical Council of the Ministry of the
Petroleum Industry of the USSR
Periodical : Neft. khoz., 33, 5, 94-95, My 1955
Abstract : Report on the different questions discussed in
various sections of the Council since January
1955.
Institution : Names of many Scientific Research Institutes and
petroleum establishments are mentioned.
Submitted : No date

ZLOTNIKOV, I.

AID P - 3293

Subject : USSR/Mining

Card 1/1 Pub. 78 - 23/24

Author : Zlotnikov, I.

Title : In the Technical Council of the Ministry of the Petroleum Industry of the USSR

Periodical : Naft. khoz., v. 33, #9, 92-94, S 1955

Abstract : During the months of May, June and July, 1955, the Technical Council examined a number of questions presented by the oil producing establishments, by scientific research and project organizations of the Ministries of Petroleum and of Construction, and by various Institutes of the Academy of Sciences USSR, of the Ministry of Geology and Natural Resources, and others. A summary of those questions is given and the names of a number of institutions and of individuals are mentioned.

Institution : None

Submitted : No date

ZLOTNIKOV, I.

In the technological Council of the Ministry of the Petroleum
Industry of the U.S.S.R. Neft.khoz. 34 no.1:84-85 Ja '56.

(MIRA 9:5)

(Petroleum)

ZLOTNIKOV, I.

In the Technical Council of the Ministry of the Petroleum Indus-
try of the U.S.S.R. Neft. khoz. 35 no. 5:68-69 My '57. (MIRA 10:6)
(Petroleum industry)

ZLOTHNIKOV, I.

In the Technological Council of the Ministry of the Petroleum
Industry of the U.S.S.R. Neft.khoz.34 no.3:69-71 Nr 156.
(Petroleum industry) (MLRA 9:7)

LOPNIKOV, I.

In the Technological Council of the Ministry of the Petroleum
Industry of the U.S.S.R. Neft.khoz. 34 no.6:70-72 4a '56.
(Petroleum engineering) (MIRA 9:9)

ZLOTNIKOV, I.M.

MUSHIN, A.Z., redaktor; ZLOTNIKOV, I.M., redaktor; PETROVA, A.Ye., inzhener,
vedushchiy redaktor; POLOSINA, A.S., tekhnicheskiiy redaktor.

[Theory and practice of hydraulic fracturing of sands; papers at
the All-Union conference] Teoriia i praktika gidravlicheskogo raz-
ryva plasta; materialy vsesoiuznogo soveshchaniia. Moskva, Gos.
nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1957. 209 p. (MIRA 10:11)

1. Vsesoiuznoye sbveshchaniye spetsialistov po dbyche nefti.
Baku, 1956.

(Petroleum engineering)

ZLOTNIKOV, I.M.,
ZASLAVSKIY, Yu.S. redaktor; ZLOTNIKOV, I.M., redaktor; PER'KOV, N.A. redaktor;
SREBODOL'SKIY, D.M., redaktor; HARTYNOVA, M.P., vedushchiy
redaktor; MUKHINA, E.A., tekhnicheskii redaktor

[The use of radioactive isotopes and radiation in the petroleum
industry; proceedings of an All-Union conference] Primenenie
radioaktivnykh izotopov i izlucheni v neftianoi promyshlennosti;
trudy Vsesoiuznogo soveshchaniia. Moskva, Gos. nauchno-tekhn.
izd-vo nefi i gorno-toplivnoi lit-ry, 1957. 239 p. (MLBA 10:5)
(Radioisotopes--Industrial applications)
(Petroleum engineering)

ZLOTNIKOV, T.M.

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[Exploitation of oil fields; proceedings of an All-Union conference of workers in oil extraction held at Kuybyshev in 1956] Opyt razrabotki neftiannykh mestorozhdenii; trudy Vsesoiuznogo soveshchaniia rabotnikov po dobyche nefli, sostoiavshegosia v g.Kuybysheve 19-23 iyunia 1956 g. Moskva, Gos.nauchno-tekhn.izd-vo nefli i gorno-toplivnoi lit-ry, 1957. 553 p. (MLRA 10:10)

1. Vsesoyuznoye soveshchaniye rabotnikov po dobyche nefli, Kuybyshev, 1956. (Petroleum engineering)

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ABSTRACT: In the last two months of 1956 and first two months of 1957 a number problems were reviewed by the Technical Council of the USSR Ministry of the Petroleum Industry. The Technical Council held many conferences including one in Ashkabad, held from October 26, 1956 to November 1, 1956, with representatives of various All-Union and Turkmen organizations and dealing with exploratory work for oil and gas in the Turkmen SSR, and one in Baku, held from November 26, 1956 to December 3, 1956, at which the prospect of expanding the theory and practice of hydraulic fracturing was discussed. A report covering this conference is being prepared for publication. The Technical Council's Power Section reviewed the problem of converting internal combustion engines to gas fuels and the problem of power

Card 1/4

93-5-18/19

Activities of the Technical Council of the Ministry (Cont.)

The supply to the factories. /Synthetic Liquid Fuels Section discussed the present condition of, and the prospects for developing the process of synthesizing liquid fuels from carbon monoxide and hydrogen. The following reports were read during its November conference: "Prospects for Developing A Synthetic Process and Results of Work Done in the Fields of Synthesis by the All-Union Scientific Research Institute of the Petroleum Industry (VNII NP)" by I. B. Rapoport; "Results of Work on Synthetic Process Under Industrial Plant Conditions and the Prospect for its Further Development" by K. I. Makarov; "Technical and Economic Indices of Synthol Production Using Various Methods of Synthesis" by S. A. Feygin. The Technical Council outlined the basic direction of further work on the synthesis and made recommendations on the further development of the synthetic process. In January 1957, the Refinery Section examined standard specifications proposed by the VNII NP for Diesel oil produced from sour eastern crudes. A report of I. F. Blagovidov on this topic was discussed by representatives of seven ministries and many other scientific research organizations.

Card 2/4

Activities of the Technical Council of the Ministry (Cont.) 93-5-18/19

The Technical Council adopted recommendations pertaining to viscosity, pour point, coking limits of Diesel lubricating oils and set up a schedule for future research and experimental work in the field of standardization of specifications. Plans for future technical publications were also discussed. N. I. Titkov reported on the use of plastic pipes for well casing and the Council resolved to have more research work done in this field. Thirty topics were discussed in 1956 by the Technical Council and several works covering these conferences have been or are about to be published. They deal with well cementing, electric drilling, reduction of the weight of the equipment used in the oil industry, chemical composition of lubricating oils and their operational properties, application of radioactive isotopes and radiation in the petroleum industry, simplification and lightening of materials and equipment in the construction of wells, and with hydraulic fracturing. The Technical Council insists on timely distribution of reports before they are delivered so that fruitful discussions can be held during conferences. The work plan of the Technical Council was discussed at various conferences and was adopted with a few modifications. This plan will be carried out provided the

Card 3/4

Activities of the Technical Council of the Ministry (Cont.) ^{93-5-18/19}

organizations concerned render their assistance. Six state oil standards established in December 1956, and their effective dates are given.

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Card 4/4